

# MATERIAL SAFETY DATA SHEET

# DURON®

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## -----SECTION 1. MATERIAL IDENTIFICATION -----

### PRODUCT NAME:

DURON®, DUREX™(TM), DUROSTORE®, STRUCTOBOARD® AND DURA-THRIFT®  
HARDBOARD, REGULAR, SHOP GRADE, TEMPERED, AND/OR FILL COATED,  
AND/OR PAINTED,™ AND/OR PRIMED, AND/OR WATER RESISTANT.

## -----SECTION 2. INGREDIENTS AND HAZARDS -----

### INGREDIENTS AND HAZARDS

### EXPOSURE LIMITS

#### WOOD FIBER

(USE OF THESE PRODUCTS  
MAY CREATE WOOD DUST)

#### OSHA

TWA: 5 MG/M3  
STEL: 10 MG/M3 PEL 15 MG/M3 - TOTAL  
5 MG/M3 - RESPIRABLE

#### ACGIH

TLV-TWA: 5 MG/M3 (SOFTWOODS)  
STEL: 10 MG/M3 (SOFTWOODS)  
TLV-TWA: 1 MG/M3 (HARDWOODS)

PARAFFIN WAX (CAS 8002-74-2) TWA 2 MG/M3 (FUMES)

CLAY (CAS 1332-58-7)

TLV 10 MG/M3

TITANIUM DIOXIDE  
(CAS 13463-67-7)

TLV 10 MG/M3  
PEL 10 MG/M3 - TOTAL  
5 MG/M3 - RESPIRABLE

CALCIUM CARBONATE (CAS 00471-34-1)	TLV 10 MG/M3 PEL 15 MG/M3 - TOTAL 5 MG/M3 - RESPIRABLE
TALC - NON FIBOU (CAS# 14807-96-6)	PEL 20 MG/M3 TLV 2 MG/M3 - RESPIRABLE
VEGETABLE OIL	PEL 15 MG/M3 - TOTAL 5 MG/M3 - RESPIRABLE TLV 10 MG/M3

-----SECTION 3. PHYSICAL DATA -----

SOLUBILITY IN WATER: NIL

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.8 - 1.2

APPEARANCE AND ODOR: LIGHT BROWN TO BROWN TO GRAY COLORED BOARD,  
LOW ODOR.

-----SECTION 4. FIRE AND EXPLOSION DATA -----

FLASH POINT AND METHOD: NONE

AUTOIGNITION TEMPERATURE: VARIABLES 390 DEG. - 500 DEG. F.

FLAMMABILITY LIMITS IN AIR: VARIABLE

EXTINGUISHING MEDIA: WATER, FOAM.

UNUSUAL FIRE/EXPLOSION HAZARDS:

WOOD DUST REQUIRES 0.040 JOULES/MINUTES OF ENERGY FOR IGNITION AND  
CAN PRODUCE AN EXPLOSION PRESSURE OF 113 PSIG MAX.

SPECIAL FIRE FIGHTING PROCEDURES:

WHEN EXPOSED TO FUMES, WEAR A SELF-CONTAINED BREATHING APPARATUS  
(SCBA) WITH FULL FACE PIECE OPERATED IN THE PRESSURE-DEMAND OR  
POSITIVE PRESSURE MODE.

COMMENTS:

IF WOOD DUST IS BEING PRODUCED FROM THIS PRODUCT, IT SHOULD BE KEPT IN A COOL PLACE AWAY FROM IGNITION SOURCES. HOT, HUMID STORAGE CAN RESULT IN SPONTANEOUS COMBUSTION.

-----SECTION 5. REACTIVITY DATA -----

AVOID CONTACT WITH OXIDIZING AGENTS AND WITH DRYING OILS.

-----SECTION 6. HEALTH HAZARD INFORMATION -----

STABILITY:  
STABLE.

HAZARDOUS DECOMPOSITION PRODUCTS:  
CARBON DIOXIDE, CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION:  
WILL NOT OCCUR.

EFFECTS OF OVEREXPOSURE:  
AVOID PROLONGED REPEATED BREATHING OF WOOD DUST IN AIR. REPEATED EXPOSURES TO CERTAIN WOOD DUSTS CAN PRODUCE SUCH ALLERGENIC RESPONSES AS DERMATITIS, ASTHMA AND BRONCHITIS.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT:  
FLUSH EYES, INCLUDING UNDER EYELIDS, THOROUGHLY WITH WATER.

SKIN:  
WASH WITH SOAP AND WATER.

INHALATION:  
REMOVE FROM EXPOSURE.

INGESTION:  
CALL PHYSICIAN.

-----SECTION 7. SPILL, LEAK, AND DISPOSAL PROCEDURES -----

SPILL/LEAK:

PICK UP.

WASTE DISPOSAL METHOD:  
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

-----SECTION 8. SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION:  
APPROPRIATE NIOSH RESPIRATOR, APPROVED FOR ITEMS LISTED IN SECTION 2  
SHOULD BE USED WHEN CUTTING OR SAWING THESE PRODUCTS.

VENTILATION:  
IF CREATING WOOD DUST IN ENCLOSED ENVIRONMENTS, USE GENERAL AND  
LOCAL MAXIMUM EXPLOSION PROOF VENTILATION TO MEET TLV'S CITED IN  
SECTION 2. USE VACUUM SYSTEMS RATHER THAN COMPRESSED AIR BLOWERS  
TO REMOVE WOOD DUST.

EYE PROTECTION:  
ALWAYS WEAR EYE PROTECTION IN ENVIRONMENTS WHICH MAY CONTAIN  
WOOD DUSTS. DO NOT WEAR CONTACT LENSES IN AREAS CONTAINING WOOD  
DUST. MAKE EYE WASH STATIONS, SAFETY SHOWERS, AND WASHING  
FACILITIES AVAILABLE.

COMMENTS:  
ALWAYS PRACTICE GOOD PERSONAL HYGIENE WHEN USING THESE PRODUCTS.  
AFTER COMING IN CONTACT, WASH HANDS BEFORE EATING, DRINKING OR  
SMOKING. DO NOT EAT, DRINK OR SMOKE IN AREAS WHERE THESE PRODUCTS  
ARE BEING CUT OR SAWN.

-----SECTION 9. SPECIAL PRECAUTIONS AND COMMENTS -----

WOOD DUST CAN CAUSE LUNG, UPPER RESPIRATORY TRACT, EYE AND SKIN  
IRRITATION. SOME WOOD SPECIES MAY CAUSE DERMATITIS AND/OR ALLERGIC  
RESPIRATORY EFFECTS. THE INTERNATIONAL AGENCY FOR RESEARCH ON  
CANCER (IARC) HAS CLASSIFIED WOOD DUST AS A NASAL CARCINOGEN IN  
HUMANS. WOOD DUST REPRESENTS AN EXPLOSION HAZARD IF A DUST  
CLOUD CONTACTS AN IGNITION SOURCE, OR MAY SPONTANEOUSLY IGNITE IN  
CONTACT WITH STRONG OXIDIZERS. AVOID DUST CONTACT WITH IGNITION  
SOURCES. SWEEP OR VACUUM DUST FOR RECOVERY OR DISPOSAL. AVOID  
PROLONGED OR REPEATED BREATHING OF WOOD DUST. AVOID DUST CONTACT  
WITH SKIN OR EYES.

IMPORTANT:  
THIS INFORMATION IS OFFERED IN GOOD FAITH. ALTHOUGH REASONABLE CARE  
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APPLICATION TO PURCHASER'S INTENDED PURPOSES. IF PURCHASER ALTERS  
THE PRODUCT IN  
SUCH A MANNER AS TO CREATE WOOD DUST, THEN THIS IS THE PURCHASER'S  
RESPONSIBILITY. NORMALLY RECOMMENDED INDUSTRIAL HYGIENE,  
ENGINEERING PRACTICES  
AND SAFE HANDLING PROCEDURES ARE BELIEVED APPLICABLE AND SHOULD  
BE APPLIED.

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